

Date of Deposit: November 17, 1999

A

MDJ:rfb 11/17/99

PATENT

Attorney's Ref. No. 5922-53642

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box PATENT APPLICATION
 ASSISTANT COMMISSIONER FOR PATENTS
 Washington, D.C. 20231

11/17/99
 09/454164
 JCS84 U.S. PTO

Transmitted herewith for filing is the patent application of:

Inventor(s): Anders Grunnet-Jepsen, Alan E. Johnson, Eric S. Maniloff, Thomas W.
 Mossberg, Michael J. Munroe, John N. Sweetser

For: CODE-BASED OPTICAL NETWORKS, METHODS, AND APPARATUS

Enclosed are:

- ☒ 13 pages of specification, 4 pages of claims, an abstract and a Combined Declaration and Power of Attorney (unsigned).
☒ 5 sheet(s) of informal drawings.

CLAIMS AS FILED

For	Claims Filed	Number Free	Number Extra	Rate	Basic Fee \$380.00
Total Claims	21	20	= 1	\$9.00	\$ 9.00
Independent Claims	6	3	= 3	\$39.00	\$ 117.00
Multiple Dependent Claim Fee				\$130.00	\$0.00
TOTAL FILING FEE					\$506.00

- ☒ Please return the enclosed postcard to confirm that the items listed above have been received.

Respectfully submitted,

KLARQUIST SPARKMAN CAMPBELL
 LEIGH & WHINSTON, LLP

By

Michael D. Jones

Michael D. Jones
 Registration No. 41,879

One World Trade Center, Suite 1600
 121 S.W. Salmon Street
 Portland, Oregon 97204
 Telephone: (503) 226-7391
 Facsimile: (503) 228-9446

cc: Client
 Donald L. Stephens Jr., Esq.
 Docketing Secretary

RECEIVED
 DEC - 7 1999
 OIPE/JCWS